

Butyl 2-hydroxy-2-methylpropanoate  
816-50-2 | DTXSID50278111

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.84	0.55	0.85	0.53	0.83	0.64

## Model Results

**Predicted value:** 2.38

**Global applicability domain:** Inside

**Local applicability domain index:** 5.39e-01

**Confidence level:** 7.46e-01

## Nearest Neighbors from the Training Set

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2-Isopropyl-6-methyl-4-pyrimidone

**Measured:** 1.82

**Predicted:** 2.23

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2,2-Bis(bromomethyl)-1,3-propanediol

**Measured:** 4.79

**Predicted:** 3.35

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2,2,4-Trimethyl-1,3-pentanediol

**Measured:** 1.00

**Predicted:** 1.47

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Paraldehyde

**Measured:** 3.02

**Predicted:** 2.77

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Bromacil

**Measured:** 3.24

**Predicted:** 2.87